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Aqua-Poly/Mount Coverslipping Medium

INTRODUCTION

Aqua-Poly/Mount is a non-permanent aqueous mounting medium formulated for coverslipping directly from aqueous solutions. It is non-fluorescing and has an antifade component to increase the viewing time of the specimen. Use Aqua-Poly/Mount with most fluorescent dyes and stains including DAB, Alkaline Phosphatase Fast Red, AEC (aminoethylcarbazole) and a variety of other chromogens to enhance and retain fluorescent intensity.

Aqua-Poly/Mount can be used for frozen sections, fat stains, chromogens for immunohistochemistry and in situ hybridization as well as other applications requiring a water soluble mounting medium. Also, useful in avoiding leaching or de-staining of enzymatic staining protocols like TRAP. Using Aqua-Poly/Mount, the coverslip will dry in 24 to 48 hours depending on the amount of medium used. Aqua-Poly/Mount solidifies under coverslip on the microscope slide after 24 hours with the following laboratory conditions and ambient temperature; relative humidity in winter time at greater than 20% and relative humidity in the summer time of up to 50%. Painting the edges of the coverslip is unnecessary. When the medium dries it will form a seal.

PROCEDURE

Prepare slides as required. Prior to coverslipping rinse the slides in distilled or deionized water. The excess fluid can be drained, but blotting is not recommended. Aqua-Poly/Mount is supplied in convenient 20ml dropper bottles for manual staining and in larger volumes for automated coverslippers.

Apply two drops of Aqua-Poly/Mount to the slide at the end or over the tissue. Carefully lower the coverslip at an angle while gently applying pressure to force any excess medium and air bubbles away from the tissue and out from under the coverslip. It is helpful to draw the coverslip to the edge of the coverslipping medium and then lower it slowly while applying pressure. Gently tilt the slide to remove any medium at the edges of the slide and coverslip. The slide can be viewed immediately or after drying. Slides can be dried at room temperature or at 4°C. Drying at 4°C will increase drying times. Do not heat the slides as this can damage or fade some stains or reactions. Slides containing fluorescent chromogens should be stored in the dark.

Aqua-Poly/Mount can be used on automated coverslippers in place of traditional solvent based coverslipping medium. The viscosity of the medium may require adjusting for proper flow rates. Allow the liquid to come to room temperature before making any adjustments for flow rate as the viscosity will change. The amount of medium dispensed will effect the drying time. Thicker sections will require more coverage with medium to assure the coverslip remains in place against the slide surface.

ORDERING INFORMATION

Cat. #	Description	Size
18606-20	Aqua-Poly/Mount	20mL
18606-500	Aqua-Poly/Mount	100mL
18605-5	Aqua-Poly/Mount	5x20mL

ADDITIONAL RELATED PRODUCTS

Cat. #	Description
16864	Poly/LEM Fixative
24216	Aqua-Poly/Mount
22247	Poly-L-Lysine Coated Micrscope Slides

TO ORDER

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